

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-163 (Canceled)

164. (Original) A binding partner specific for a cysteinylated blood protein.

165-176 (Canceled)

177. (Original) A kit comprising:

a container holding a binding partner specific for a post-translationally modified protein other than phosphorylated tau; and

instructions directing that the binding partner is to be used to determine the quantity of the post-translationally modified protein present in a body fluid of an animal in order to diagnose or monitor inflammation.

178-220 (Canceled)

221. (Original) A kit comprising:

a container holding a binding partner specific for a cysteinylated protein; and

instructions directing that the binding partner is to be used to determine the quantity of the cysteinylated protein present in a body fluid of an animal in order to diagnose or monitor ischemia.

222-230 (Canceled)

231. (Original) A kit comprising:

a container holding a binding partner specific for a post-translationally modified protein; and

instructions directing that the binding partner is to be used to determine the quantity of the post-translationally modified protein present in a body fluid of an animal in order to diagnose, monitor or predict multiple organ failure.

232-283 (Canceled)

284. (Previously presented) The binding partner of Claim 164 which is specific for cysteinylated albumin.

285. (Previously presented) The binding partner of Claim 164 or 284 which is an antibody.

286. (Withdrawn) The binding partner of Claim 164 or 284 which is an aptamer.

287. (Previously presented) The kit of Claim 177 wherein the post-translationally-modified protein is a post-translationally-modified blood protein.

288. (Previously presented) The kit of Claim 177 wherein the body fluid is serum or plasma.

289. (Previously presented) The kit of Claim 177 wherein the post-translationally-modified protein is a cysteinylated protein.

290. (Previously presented) The kit of Claim 177 wherein the post-translationally-modified protein is a post-translationally modified albumin.

291. (Previously presented) The kit of Claim 290 wherein the post-translationally-modified albumin is cysteinylated albumin.

292. (Withdrawn) The kit of Claim 177 or of any one of Claims 287-291 further comprising one or more additional containers holding one or more additional binding partners specific for one or more additional post-translationally modified proteins, other than phosphorylated tau, and the instructions direct that the additional binding partner(s) is(are) to be used to determine the quantity(ies) of the one or more additional post-translationally modified protein(s) present in one or more body fluids of an animal in order to diagnose or monitor inflammation.

293. (Previously presented) The kit of Claim 177 or of any one of Claims 287-291 wherein the binding partner(s) is(are) antibodies.

294. (Withdrawn) The kit of Claim 292 wherein the binding partners are antibodies.

295. (Withdrawn) The kit of Claim 177 or of any one of Claims 287-291 wherein the binding partner(s) is(are) aptamers.

296. (Withdrawn) The kit of Claim 292 wherein the binding partners are aptamers.

297. (Previously presented) The kit of Claim 221 wherein the cysteinylated protein is a cysteinylated blood protein.

298. (Previously presented) The kit of Claim 221 wherein the cysteinylated protein is cysteinylated albumin.

299. (Withdrawn) The kit of Claims 221 further comprising one or more additional containers holding one or more additional binding partners specific for one or more additional post-translationally modified proteins, and the instructions direct that the additional binding partner(s) is(are) to be used to determine the quantity(ies) of the one or more additional post-translationally modified protein(s) present in a body fluid of an animal in order to diagnose or monitor ischemia.

300. (Previously presented) The kit of Claim 221, 297, 298 or 299 wherein the binding partner is an antibody.

301. (Withdrawn) The kit of Claim 221, 297, 298 or 299 wherein the binding partner is an aptamer.

302. (Previously presented) The kit of Claim 231 wherein the post-translationally modified protein is a cysteinylated protein.

303. (Previously presented) The kit of Claim 302 wherein the cysteinylated protein is cysteinylated albumin.

304. (Withdrawn) The kit of Claim 231 further comprising one or more additional containers holding one or more additional binding partners specific for one or more additional post-translationally modified proteins, and the instructions direct that the additional binding partner(s) is(are) to be used to determine the quantity(ies) of the one or more additional post-translationally modified protein(s) present in a body fluid of an animal in order to diagnose, monitor or predict multiple organ failure.

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305. (Previously presented) The kit of Claim 231 or of any one of Claims 302-304 wherein the binding partner is an antibody.

306. (Withdrawn) The kit of Claim 231 or of any one of Claims 302-304 wherein the binding partner is an aptamer.